

Gard
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In the Claims

1. (currently amended) A positioning system for determining a ~~[[the]]~~ position of a golf ball comprising:

a) said [[a]] golf ball having a first transmitter positioned therein for transmitting a position signal at a frequency unique to said golf ball, a second transmitter using GPS to determine said position, a receiver, a processor and a ROM for storing said frequency; [[and]]

b) a detection unit having a first processor, a first receiver and a display, said first receiver and display both connected to said first processor, wherein said position signal ~~transmitted by said transmitter~~ is received by said first receiver and processed by said first processor for generating directional instructions for display on said display providing aid to a ~~[[the]]~~ user in locating the position of said golf ball~~[[.]]~~ ~~and~~

c) said detection unit having a first transmitter for sending a signal to said golf ball assigning said frequency to said golf ball, the receiver in said golf ball receiving said frequency assigning signal and the processor in said golf ball storing said frequency in said ROM, and a second transmitter using GPS to determine a position of said detection unit.

2-4. (canceled)

5. (currently amended) The system as recited in claim 1, wherein said display includes a plurality of display fields, each display being capable of showing at least one of a current

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time, a current temperature, a current date, a map of a golf course, distance from said golf ball, and a golf score wherein each of said plurality of display fields selectively displays information data to the user.

6. (canceled)

7. (currently amended) The system as recited in claim 5 [[6]], wherein said first receiver is able to receive signals having different frequencies thereby allowing receipt of position signals from different golf balls.

8. (currently amended) The system as recited in claim 7 [[1]], wherein said detection unit further comprises a numerical keypad connected to said first processor for tuning said first receiver to receive signals transmitted at said unique predetermined frequency and for inputting a frequency to be assigned to a golf ball.

9. (currently amended) The system as recited in claim 8, wherein said detection unit further comprises an expansion card reader for receiving data from a storage medium, said data being indicative of a map on a golf course being played;

10. (canceled)

11. (currently amended) The system as recited in claim 9 [[1]], wherein said detection unit further includes means for notifying a [[the]] golfer [[8]] when the golf ball is within a predetermined distance from said detection unit.

12. (currently amended) The system as recited in claim 11 [[17]], wherein said notifying means generates a vibration signal or a audible signal.

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13-15. (canceled)